

# MATERIAL SAFETY DATA SHEET

DEC 14 1987

*DM 6042-1*

## SECTION I

PRODUCT NAME: PR-1201-Q  
 DESCRIPTION: Polysulfide Sealant, Part A *413*  
 Lead Dioxide Dispersion  
 MANUFACTURER: Products Research & Chemical Corporation  
 5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209  
 EMERGENCY TELEPHONE: (818) 240-2060

MSDS IDENTIFICATION NO: MS0080801  
 DATE OF ISSUE: 10-01-85  
 PREPARED BY: MBY *MBY*

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	COMMON NAME	CAS NO	OSHA PEL	CAL OSHA PEL	ACGIH TLV
Lead dioxide	Lead dioxide	1309-60-0	0.2mg/M <sup>3</sup>	0.05mg/M <sup>3</sup>	0.15mg/M <sup>3</sup>

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point, °F.:	Not applicable.	Specific Gravity:	2.6
Vapor Pressure, mm Hg:	Not applicable.	% Volatiles, by Vol:	0
Vapor Density:	Not applicable.	Evaporation Rate:	Not applicable.
Solubility in Water:	Negligible		

SECTION IV - PHYSICAL HAZARD INFORMATION

Flash Point:	Not flammable.	Flammable Limits:	Not flammable.
Extinguishing Media:	Water		
Spec. Fire Fighting Proc:	Unk.		
Unusual Fire Hazards:	Oxidizer.		
Stability:	Stable		
Incompatibility:	Unk.		
Decomposition products:	Smoke; soot; carbon monoxide; carbon dioxide; lead compounds.		
Hazardous polymerization:	Not applicable.		

SECTION V - HEALTH HAZARD INFORMATION

The most significant health hazard of lead dioxide is by inhalation of airborne dust particles. In this product, the lead dioxide is thoroughly and permanently wetted, and therefore does not present a risk of exposure to dust particles. However, inorganic lead compounds in general are toxic by ingestion, although not readily absorbed. Anemia, central nervous system effects, abdominal colic or kidney function loss can occur at blood lead levels of 60 micrograms/100 grams. The recommended maximum is 40 micrograms/100 grams.

SECTION VI - EMERGENCY FIRST AID PROCEDURES

Eyes:	Immediately flush with water. If irritation persists, consult a physician.
Skin:	Wash thoroughly with soap and water.
Inhalation:	Not applicable.
Ingestion:	Consult a physician.

SECTION VII - SUGGESTED CONTROL PROCEDURES OR LEAK PROCEDURES

Ventilation:	Not applicable.
Skin Protection:	Oil resistant gloves are recommended.
Eye Protection:	Safety glasses.

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SECTION VIII - SPILL OR LEAKAGE PROCEDURES

Release or Spillage: Scoop up spilled material. Clean up residue with rags and non-flammable solvent.  
Waste Disposal: Dispose of in compliance with Federal and State regulations.  
D008 EPA Hazardous Waste.

SECTION IX - SPECIAL PRECAUTIONS

Wash thoroughly after handling and before smoking or eating.  
Avoid ingestion.

The information provided herein is, to the best of the manufacturer's knowledge, current, accurate and complete, based on information reasonably available.

# MATERIAL SAFETY DATA SHEET

REC'D DEC 14 1987

*DPM 6042*

## SECTION I

PRODUCT NAME: PR-1201-Q, Part B

DESCRIPTION: Polysulfide Rubber Compound.

MANUFACTURER: Products Research & Chemical Corporation  
5430 San Fernando Road, P.O. Box 1800, Glendale, CA 91209

EMERGENCY TELEPHONE: (818) 240-2060

MSDS IDENTIFICATION NO: MS0158B01  
DATE OF ISSUE: 09-23-87  
REPLACES: MS0158B00  
PREPARED BY: RW *W. T. M.*

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	COMMON NAME	CAS NO	OSHA	ACGIH TLV	
			PEL	TWA	STEL
Phenol Polymer with Formaldehyde	Phenolic Resin	9003-35-4	Not Est.	Not Est.	Not Est.
Methyl Benzene	Toluene	108-88-3	200 ppm	100 ppm	150 ppm

## SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point, °F.:	UNK.	Specific Gravity:	1.65
Vapor Pressure, mm Hg:	UNK.	VOC, g/l (Mixed):	88
Vapor Density:	3.2 (Toluene).	Evaporation Rate:	2.0 (Toluene).
Solubility in Water:	Negligible.		

SECTION IV - PHYSICAL HAZARD INFORMATION

Flash Point: 90°F (PMCC). Flammable Limits: 1el, 1.27%; ue1, 7% (Toluene).  
Extinguishing Media: CO<sub>2</sub>, dry chemical, foam, water fog.  
Spec. Fire Fighting Proc: Use air supplied respirator. Use water to cool heat exposed containers.  
Unusual Fire Hazards: High temperatures may cause pressure buildup in closed containers.  
Stability: Stable.  
Incompatibility: Strong oxidizing agents.  
Decomposition products: Oxides of carbon, SO<sub>2</sub>, traces of H<sub>2</sub>S.  
Hazardous polymerization: Will not occur.

SECTION V - HEALTH HAZARD INFORMATION

EFFECTS OF OVER-EXPOSURE:

Eyes: Irritation.  
Skin: Local irritation. May cause allergic skin rash in sensitized individuals.  
Inhalation: Irritation nose and throat. Prolonged exposure above PEL may cause headache, fatigue, confusion, dizziness, drowsiness, numbness, and unconsciousness; possible liver and kidney damage.  
Ingestion: May cause nausea and vomiting, liver and kidney damage.

LISTED CANCER AGENT?

☒ NO: Nothing contained in this product is found in the lists below.

☐ YES: ☐ Federal OSHA ☐ NTP ☐ IARC

SECTION VI - EMERGENCY FIRST AID PROCEDURES

Eyes: Flush with luke warm water for 15 minutes. If symptoms persist, consult physician.  
Skin: Wash with soap and water. If symptoms persist, consult a physician.  
Inhalation: Remove to fresh air. If symptoms are present consult a physician.  
Ingestion: Consult a physician.

SECTION VII - SUGGESTED CONTROL PROCEDURES

Ventilation:	General ventilation to maintain vapors below PEL. When applying in confined areas, or in other circumstances likely to produce airborne levels of solvent in excess of PEL, use an organic vapor cartridge respirator or air-supplied respirator.
Skin Protection:	Solvent resistant gloves.
Eye Protection:	Safety glasses.

SECTION VIII - SPILL OR LEAKAGE PROCEDURES

Release or Spillage:	Remove all ignition sources. Cover with absorbant. Scoop into containers. Clean-up residue with 1,1,1 -trichloroethane.
Waste Disposal:	EPA Waste No. D-001. Dispose of spillage in compliance with Federal and State regulations.

SECTION IX - SPECIAL PRECAUTIONS

None.

The information provided herein is, to the best of the manufacturer's knowledge, current, accurate and complete, based on information reasonably available.